




PATENT
KG-2050

CERTIFICATE OF MAILING

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Date: February 24, 2004


Kevin P. Weldon

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of:)	
DEBANGSHU BANERJEE)	Group Art Unit 1775
)	Confirmation No. 2123
Serial No. 10/678,204)	
)	Examiner To be assigned
Filed: October 3, 2003)	
)	
For: CEMENTED CARBIDE BLANK SUITABLE))	Attorney Docket KG-2050
FOR ELECTRIC DISCHARGE)	
MACHINING AND CEMENTED CARBIDE))	
BODY MADE BY ELECTRIC DISCHARGE))	
MACHINING)	

February 24, 2004

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P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant(s) submit herewith forms PTO/SB08A and B listing patents, publications or other information, of which they are aware and that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Copies of the non-U.S. patent references are submitted herewith. The Information Disclosure Statement submitted herewith is being filed:

- ☒ under 37 CFR 1.97(b); within three (3) months of the filing of a national application; within three (3) months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing date of a first Office Action on the merits; or before the mailing of a first office action after the filing of a request for continued examination under § 1.114, whichever event occurs last.
- ☐ under 37 CFR 1.97(c); after three (3) months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office

Action on the merits, whichever occurred last but before the mailing date of either a Final Action under 37 CFR 1.113, or a Notice of Allowance under 37 CFR 1.311, whichever occurs first. Also submitted herewith is:

- ☐ a statement as specified in 37 CFR 1.97(e); or
- ☐ the fee of \$180.00 set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c) to be paid as provided below.
- ☐ under 37 CFR 1.97(d); after a Final Action under Section 1.113, or a Notice of Allowance under Section 1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee. Submitted herewith is a statement as specified in 37 CFR 1.97(e) and the fee of \$180.00 set forth in 37 CFR 1.17(p) to be paid as provided below.

STATEMENT UNDER 37 CFR 1.97(e)

- ☐ This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.
- ☐ Statement Under 37 CFR 1.97(e)(1) - Each item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the information disclosure statement.
- ☐ Statement Under 37 CFR 1.97(e)(2) - No item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

PRIOR APPLICATIONS


- ☐ This application relies, under 35 U.S.C. 120, on the earlier filing date of prior application(s):

Those references listed on the attached form and not submitted herewith were submitted to, and/or cited by, the Office in the prior application(s) identified above and therefore, are not required to be provided in this application.

FEES

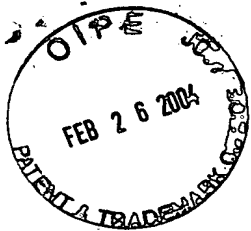
- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge any fees that may be required by this submission and to credit Deposit Account No. 502832 any overpayment. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Kevin P. Weldon
Attorney for Applicant(s)
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Date: February 24, 2004

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/678,204
Filing Date	October 3, 2003
First Named Inventor	Debangshu Banerjee
Art Unit	1775
Examiner Name	
Attorney Docket Number	KG-2050

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,379,503	04/23/1968	McKenna	
		US- 3,746,456	07/17/1973	Hill	
		US- 4,308,059	12/29/1981	Rymas	
		US- 4,574,011	03/04/1986	Bonjour et al.	
		US- 4,834,963	05/30/1989	Terry et al.	
		US- 5,603,075	02/11/1997	Stoll et al.	
		US- 5,658,678	08/19/1997	Stoll et al.	
		US- 5,802,955	09/08/1998	Stoll et al.	
		US- 5,806,934	09/15/1998	Massa et al.	
		US- 6,024,776	02/15/2000	Heinrich et al.	
		US- 6,173,798 B1	01/16/2001	Bryant et al.	
		US- 6,372,012	04/16/2002	Majagi et al.	
		US- 6,506,226 B1	01/14/2003	Chen et al.	
		US- 6,514,456 B1	02/04/2003	Lackner et al.	
		US- 6,521,353 B1	02/18/2003	Majagi et al.	
		US- 6,537,343 B2	03/25/2003	Majagi et al.	
		US- 6,554,548 B1	04/29/2003	Grab et al.	
		US- 6,575,671 B1	06/10/2003	North et al.	
		US- 6,612,787 B1	09/02/2003	North et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		UK 1,082,568	09/06/67	Philips Electronic		
		UK 1 309 634	03/14/73	JACKSON		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/678,204
		Filing Date	October 3, 2002
		First Named Inventor	Debangshu Banerjee
		Art Unit	1775
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	KG-2050

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SANTHANAM et al., "Cemented Carbides", Metals Handbook, Vol. 16, 9th Ed. (1989) pp. 71-89	
		LAMMLE et al., "Hardmetal in the Toolmaking Industry is a Question of Confidence", Plansee TIZIT AG A-6600 Reutte/Tirol Edition 4, (1/2000) pp.8	
		Kennametal Lab Report R4977 Rev. #1 October 2003, (Plansee Grade CFH40S) (May 2002)	
		Kennametal Lab Report K4978 Rev. #1 October 2003, (Plansee Grade H40S) (May 2002)	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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